Sectt. II-27—104.006—4-11-49.

Development (1951) Department.

Ms SERIES.

G.O. NO. 1811

Dated 20-4-1951

[Despatch Abstract.]

Fisheries - Utilisation of surplus food fish - Installation of a gutting machine at Malpe (South Kanara) - Proposals of D.F - Accepted

DEPARTMENT OF FISHERIES.

From
Sri. K.N.Anantaraman, I.C.S.,
Director of Fisheries,
Kilpauk, Madras.

To
The Secretary to the Commissioner of Food Production,
Office of the Board of Revenue,
Chepauk, Madras.

FIFTH ASSISTANT SECRETARY TO GOVERNMENT
18 MAR 1950
DEVELOPMENT DEPARTMENT

Sir, No. 3128 B.3/50 dated 8-3-1950.

Dev 20374 FP50
Lo 13/50.

Subject: Fisheries - Utilisation of surplus food fish - proposals.

- - -

I submit herewith a scheme for utilisation of the surplus food fish such as Mackerel, which are at present being converted into manure.

Introduction. In South Kanara coast where the Rampani nets are operated, it is almost a common feature to see Mackerels being converted into manure in lakhs. The reason for this is not far to seek as for processing of mackerel, i.e. gutting, lot of labour is required. Instances are there where a single Rampani has landed as much as twenty lakhs of mackerels. There are nearly 100 rampani nets all along the South Kanara coast. When such huge shoals are encircled and landed the labour force required for processing ir either into salted fish or Colombo cured fish or Madura cured fish are not available, the alternative being simply to hear them on a pile and convert it into a manure. In this connection the observations made by Sir Frederick Nicholson in connection with sardine is worth mention; 'It may here be well to mention a point of importance, viz., the apparent economic sin of throwing these fish, so valuable as food into a soil fertiliser'.

One of the major factors for this is the paucity of labour and my scheme is to utilise the help of machines which can do the work of human beings and thereby reduce the labour requirements and at the same time accelerate the treatment.

2. A brief account of the different processes where mackerel has to be gutted and cleaned before preservation is given below:--

Colombo cure. After removal of gills and guts of mackerel, by hand, salt is rubbed and the fish packed in huge bins or tanks. The proportion of fish to salt is 3:1. After arranging a layer some more salt is added and another layer of fish is packed. Gorukapali, a kind of tamarind specially imported from Colombo is added in sufficient quantities so as to obtain a sour taste. The fish is left in this state for a day a week and then removed and packed in barrels. A barrel will approximately hold 2 to 3 thousands. The brine that comes out from the fish is poured again into the barrel so that no air space is left and the barrel is packed tight. This final pickled mackerel will easily last from six months to one year. The market for this product is chiefly in Colombo.

Madura Cure. Unlike Colombo curing where Goruka pali is added and the fish packed in tanks, here the fish is packed simply on a sloping floor with a high proportion of salt. It is afterwards removed and dried unlike Colombo cure, where no drying is involved.

Salted Mackerel: Here the proportion of salt is reduced to 1/7th of the fresh fish weight and the salted fish is dried well in the Sun.

3. I furnish below the actual quantity of mackerel that has been converted into different products.

p.t.o.

	1946-47	1947-48	1948-49	1949-50.	
Mackerel landings	29,444	15,905	16,120	17,200	tons.
Mackerel cured	14,040	5,097	5,200	5,078	,,
Manure produced	904	1,100	1,200	1,700	,,
Consumed fresh	14,500	9,708	9,720	10,422	,,

4. It can be seen at a glance that there is a definite tendency towards increase in manure production. This must be attributed to two factors(1) want of necessary labour force and (2) attractive price offered for the manure.

5. As already indicated above my aim is to divert this quantity which is going as soil manure into useful food material. I am proposing here the use of a gutting machine which is extensively in use in United Kingdom and some of the European countries, such as Norway, Holland and Denmark. The working of this machine has been seen by the Fish Preservation Officer, Calicut in foreign countries while he was on deputation and I feel that it will serve the purpose very well.

6. The machine has the following salient features.

Output	---	100 to 140 herrings(or mackerels) per minute	
Power required	----	0.75 H.P.	
Netweight.	---	500 Kg.	--- 1100 lbs.
Gross weight	---	750 Kg.	--- 1650 lbs.

clear, stainless execution, water jacket for cleaning self lubricating bearings - enclosed drive gear.

Quantity of fish that can be saved.

7. By installing such a machine a quantity of nearly 96000 mackerels can be gutted assuming that the machine works for 16 hours at the rate of 6000 mackerels per hour. In terms of weight it will be 8½ tons of fish per day and if it works for 60 days it will save nearly 850 tons food fish which happens to be the quantity which is at present being converted into manure.

Proforma account.

Cost of the machine	Rs.	15,000
Freight from U.K. to India		1,500
Customs duty		500
Freight from port of landing to site		250
Installation charges		750
		18,000

Recurring for 8 months (staff)

	Pay.	D.A.	O.C.a.	Total.
One Sub Inspector on 60-3-90-5-100 p.m.	360/-	132/-	30/-	522/-
One mechanic on 40-2-80 p.m.	240/-	126/-	30/-	396/-
One Asst. Mechanic on 35-2-55 p.m.	210/-	114/-	18/-	342/-

Contd.
p.t.o.

	wages	D.A.	Total.
4. skilled labourers at Rs.1-4-0 per day. (average 26 working days in a month and D.A. at Rs.19/-	780/-	456/-	1236/-
4 unskilled labourers at Re.1/- per day (average 26 working days in a month) and D.A. at Rs.18/-	624/-	456/-	1080/-
Electricity.			150/-
Water			10/-
Oil.			15/-
		Total Rs.	3751/- or Rs. 3700/-

Receipts.

A nominal charge of annas 8/- for every 1000 mackerels gutted for 960000 — 48/-

Number of working days 100 — Rs. 4800/-

Depreciation on machinery at Rs. 5000/- for 3 years. — 834 for 6 months

The expenditure to be incurred and the amount that will be realised as revenue are noted below.

Total recurring expenditure on staff etc.	Rs. 3700
Receipts	4800
Deduct depreciation.	834
Net receipts.	3966 or 4000&

8. Conclusion. Thus it will be seen that installation of the machine will not only save as much as 850 tons of valuable food material, but actually it will fetch a profit to the Department. Another factor to be noted is, engaging manual labour will cost the merchant atleast Re.1/- per 1000 whereas by levying a nominal charge of annas eight per 1000 the merchants of the locality will take advantage of the machine and thevpresent tendency to convert it into manure will gradually disappear and more and more will be converted into useful food fish. For the present, the machine may be erected at Malpe where electricity and water are available. After studying the working of the machine, more can be purchased.

9. In the circumstances stated above, and in view of this profitable scheme I request that the scheme may be recommended to the Government of Madras and Government of India may be requested for a half grant on the scheme to meet the net recurring expenditure after deducting the receipts.

K. Ananda Rao

Director of Fisheries.

kan . 8-3.

Copy submitted to the Secretary to Government, Development Depart Fort St. George, Madras.

Copy submitted to the Secretary to Government, Food and Agrl. Dep Fort St. George, Madras.

6/

To A.S. Dev F.

A Copy of the Scheme for the utilisation of Surplus fish Such as mackeral, Submitted by the D.F. to the Secy. Bd. of Rev (Food Production) is at flgs 1-5 ante. The remarks of the Bd. of Rev (Food Production) may be awaited till 8.4.50.

14/3/50 14.3.50

14/3/50

Special

Office of the Board of Revenue(Food Production), Chepauk, Madras.

***

Sri V.S. Hejmadi, I.C.S.,
Commissioner of Food Production.

***

Ref.6556/50-1 F.P.III dated 25th March 1950.

Sub: Fisheries - Utilisation of surplus food fish - Plant to be set up in Malpe in South Kanara district - Remarks on certain points - called for.

Read: From the Director of Fisheries, Madras letter 3128 B.3/50 dated 8--3--1950.

***

The Director of Fisheries has pointed out in his letter cited that the scheme is likely to fetch a profit for the Department and that it will help to save nearly 850 tons of food fish which are now being converted into manure. The revised rules of financial assistance from the Centre communicated in G.O.Ms.No.575 Food and Agriculture dated 2.9.1949 lay down that schemes of a remunerative character should be financed from loans and not from grants. The total cost of the scheme including both capital cost and recurring charges for six months is small, being less than Rs.25,000 and it may not be necessary for the State Government to apply for any loan from the Centre for meeting this expenditure. The Director is requested to report urgently how this Government will be justified in asking from the Centre 50% grant towards the working cost and depreciation for a remunerative or self-supporting scheme. If, however, with reference to the revised rules, the Director considers that the scheme is eligible for a grant from the Centre, the position may be explained and necessary programme in the prescribed proforma in triplicate may be sent to the Board of Revenue(Food Production) at an early date.

M.S. Mani,
Secretary.

To the Director of Fisheries, Madras.
Copy to the Secretary to Government Food and Agriculture Department, Madras.
Copy to the Secretary to Government, Development Department, Madras

Forwarded/By order/

Superintendent.

krv.25.3.50

To A!

Submitted for perusal. The final decision of the Bd. of Rev. (F.P.) may be awaited till then.

Department of Fisheries.

From
Sri. K.N.Anantaraman, I.C.S.,
Director of Fisheries;
Kilpauk, M a d r a s.

To
The Secretary,
Board of Revenue (Food Production)
Chepauk, Madras.

No. 3123 B.3/50 dated 30-3-1950.

OFFICE OF THE ASSISTANT SECRETARY TO GOVERNMENT
8 APL 1950
DEVELOPMENT DEPARTMENT

Sir,

Sub: Fisheries - Utilisation of surplus food-fish - Plant to be set up in Malpe in South Kanara District - Remarks on.
Ref: Board's Ref. No. 6556-/50-1 F.P.III . dated 25th March.1950.

- - - -

In the light of the remarks of the Board contained in the above reference, the scheme may be treated as a Provincial one to be financed by the State for the present. The scheme is only a pilot scheme to demonstrate to the fishermen in one important fishing village namely Malpe on the West coast. After working the scheme and watching the results, it may be extended to the other important fishing villages on the West coast and necessary proposals in this regard will be submitted later.

kap. 30-3.

for Director of Fisheries.

Copy to the Secretary to Government, Development Department, Madras.
Copy to the Secretary, Food and Agriculture, Madras.

SPECIAL 20874/50

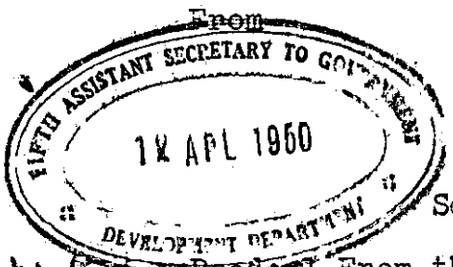
F. 11
32.477
12/4/50

BOARD OF REVENUE (FOOD PRODUCTION)
Subject.

Fisheries - Utilisation of Surplus food fish - Plant to be set up in Malpe in the South Kanara District - Scheme - Recommended.

- -

Board's Refce.No.6556/50-2 (F.P.III) dated 5-4-1950.



From

Sri V.S.Hejmadi., I.C.S.,
Commissioner of Food Production.

Sri N.S.Mani., I.C.S.,
Secetary to the Commissioner of Food Production.

Read:- 1.From the Director of Fisheries No.3128.B.3/50 dated 8-3-1950, addressed to the Board and Copied to the Government
2.Board's Refce.No.6556/50-1 F.P.III dated 25-3-1950.
3.From the Director of Fisheries No.3128B.3./50 dated 30-3-1950 addressed to Board and copied to Government.

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1. The Board invites the attention of the Government to its reference No.6556/50-1 (F.P.III) dated 25-3-1950 to the Director of Fisheries (copied to Government) and submits that the Director of Fisheries has since agreed to treat the scheme as a Provincial one to be financed entirely by the State for the present. He has also added that the scheme is only a pilot scheme to demonstrate to the fishermen in one important fishing village viz.Malpe on the West Coast. It has also been stated that after working the scheme and watching the results, it will be extended to the other important fishing villages on the West Coast and that necessary proposals in this regard will be submitted later by the Director of Fisheries.

2.The Board, therefore, recommends that the scheme may be approved by the Government and sanction accorded to the Director of Fisheries to start it at Malpe at an estimated total cost of Rs.21,700/- as detailed below during the year 1950-51.

Cost of the machine, freight from U.K.to India Customs duty, Installation charges etc.	Rs.18,000.
Recurring expenditure on staff for six months. ...	Rs. 3,700.

3.The Board requests very early orders in the matter.

For Secretary. 8/4/50

To The Secretary to Government, Development Department, Fort St.George, Madras.
Copy to the Secretary to Government, Food and Agriculture Department, Madras.
Copy to the Director of Fisheries, Madras.

nr.7.4.

8/4

Dec 13
F.

7-2-52
1910

Memo No. 20874 F/52-2 dated 18-5-52

Subj:- Fisheries -- Utilisation of Surplus food fish - Setting up of a plant in Malpe, South Kanara Dt - Proposals.

Ref:- From the DF No. 3.128 B 3/50 d 8/3/50

:- Board's reference No. 6558/50-2 (FP II) dt 5.4.50.

Any scheme of new expenditure not provided for in the Budget Estimates for 1950-51 should be brought forward only as a part II scheme for 1951-52, subject to its essentiality, so that the Govt. may decide with reference to the resources available which of the new schemes could be provided for in the Budget. It has therefore been suggested that there is no justification to depart from the above procedure in this case considering the present financial position of the Govt. The DF is

Min 1-5 Cy.
P 11 Cy.

Minutes

Dlr Time 28th
P 1915

2/14

requested to state whether he is agreeable to bring forward the scheme as a part II scheme for 1951-52 and if not to justify the need for the introduction of the scheme in the current year in greater detail.

Cd
17.5.50

Cd
18.5.50

To Shri P.S. 2315
The N.F.
N.R. 5.6.50

Department of Fisheries.

From
The Director of Fisheries,
M a d r a s.

To
The Secretary to Government,
Development Department.

Ref.No.3128 B3/50 dated 29-5-50.

Sir,

Sub: Fisheries - Utilisation of surplus food fish - setting up of a plant in Malpe, South Kanara Dt.--Proposals.

Ref: Government Memo.No.20874 F/50-2, dated 18th May 1950.

The scheme was proposed to convert the surplus quantity of fish that is now going as manure, into valuable food material to augment fish food supply. The total cost involved in the scheme is also very little and it will also bring an an income. This food saving scheme being a pilot scheme it is better to start the scheme as early as possible, so that the fishermen in other parts of the West Coast may also take to this. As this scheme saves tons of fish from spoilage it is worth while taking up the scheme at once.

The Department of Fisheries was only recently reorganised and I took charge only a few months back and called for a conference of all the Assistant Directors to discuss matters in order to promote food production drive and also to save fish from spoilage. This proposal in question was one of the schemes suggested at the time of the conference. Both the Deputy Director and the all the Assistant Directors were present in the conference and the subject was thoroughly discussed. As problems relating to Fisheries, are of technical nature, I had to convince myself of the soundness of any scheme from the technical point of view before submitting it to Government. Besides only after a detailed discussion this suggestion was put forward by the Fish Preservation Officer, Calicut. Hence the scheme could not be submitted in time. Besides a modest scheme like this which aims at saving such as 850 tons of fish from spoilage deserves to be introduced as soon as possible.

In the circumstances explained above I request that sanction of the Government may be obtained for the introduction of the scheme in the current year itself.

mb/30-5.

for Director of Fisheries.

Dev F.

Memo 20874 F/50.3 dated 19/6/50 17

Sub: Fisheries utilisation of surplus food fish - Installation of a gutting machine at Malpe - Proposals - Ordered to be brought forward as part II Scheme for 1951-52.

Ref From the D.F 3128 B3/50 dated 29-5-50

—

The Govt. have decided that the proposals of the D.F for installing a gutting machine should be considered only as a part II Scheme for 1951-52

2) The D.F is requested to renew his proposals in time for consideration as part II Scheme for 1951-52 furnishing full particulars regarding the head of account to which the

Pl. issue urgently. 19.6.50 DP/1 20/6

110-114 (Ax) 20/6

pl s/f

DEPARTMENT OF FISHERIES.

From
Sri K.N. Anantharaman, I.C.S.,
Director of Fisheries,
Madras.

To
The Secretary to Government,
Development Department,
Madras.

No. 3128 B3/50, dated 8-8-50.

Sir,

Sub: Fisheries - Utilisation of surplus food fish - Installation of a gutting machine at Malpe - Proposals - Submitted -

Ref: Development Memo. No.20874 F/50-3 dated 19-6-50.

As contemplated in the reference cited, I submit proposals for installing a gutting machine at Malpe as a part II scheme for 1951-52.

Introduction. In South Kanara coast where the Rampini nets are operated, it is almost a common feature to see Mackerels being converted into manure in lakhs. The reason for this is not far to seek as for processing of mackerel, i.e. gutting, lot of labour is required. Instances are there where a single Rampini has landed as much as twenty lakhs of mackerels. There are nearly 100 Ramini nets all along the South Kanara coast. When such huge shoals are encircled and landed the labour force required for processing it either into salted fish or Colombo cured fish or Madura cured fish are not available, the alternative being simply to heap them on sand and convert it into a manure. In this connnection the observations made by Sir Frederick Nicholson in connection with sardine is worth repetition; 'It may here be well to mention a point of importance, viz., the apparent ecenomic sin of throwing these fish, so valuable as food into a soil fertiliser'

One of the major factors for this is the paucity of labour and my scheme is to utilise the help of machines which can do the work of human beings and thereby reduce the labour requirements and at the same time acclerate the treatment.

2. A brief account of the different processes where mackerel has to be gutted and cleaned before preservation is given below:--

Colombo cure. After removal of gills and guts of mackerel, by hand, salt is rubbed and the fish packed in huge bins or tanks. The proportion of fish to salt is 3: 1. After arranging a layer some more salt is added and another layer of fish is packed. Gorukapali, a kind of tamarind specially imported from Colombo is added in sufficient quantities so as to obtain a sour taste. The fish is left in this state for about a week and then removed and packed in barrels. A barrel will approximately hold 2 to 3 thousands. The brine that oozes out from the fish is poured again into the barrel so that no air space is left and the barrel is packed tight. This final pickled mackerel will easily last from six months to one vear. The market for this product is chiefly in Colombo.

Madura Cure. Unlike Colombo curing where Gorukapali is added and the fish packed in tanks, here the fish is packed simply on a sloped floor with a high proportion of salt. It is afterwards removed and dried unlike Colombo cured, where no drying is involved.

P.T.O.

20

Salted Mackerel. Here the proportion of salt is reduced to 1/7th of the fresh fish weight and the salted fish is dried well in the sun.

3. I furnish belwo the actual equantity of mackerel that has been converted into different products.

	1946-47	1947-48	1948-49	1949-50	
Mackerel landiggs	29,444	15,905	16,120	17,200	tons.
Mackerel cured	14,040	5,097	5,200	5,078	"
Manure produced	904	1,100	1,200	1,700	"
Consumed fresh	14,500	9.708	9,720	10,422	"

It can be seen at a glance that there is a definite tendency towards increase in manure production. This must be attributed to two factors (1) want of necessary labour force and (2) attractive price offered for the manure.

As already indicated above my aim is to divert this quantity which is going as soil manure into useful food materials. I am proposing here the use of a gutting machine which is extensively in use in United Kingdom and some of the European countries, such as Norway, Holland and Denmark. The working of this machine has been seen by the Fish Preservation Officer, Calicut in foreign countries while he was deputation and I feel that it will serve the purpose very well.

The machine has the following salient features.

Out put	--- 100 to 140 herings (or mackerels) per minuted		
Power required	--- o.75 H.P.		
Netweight.	--- 500 Kg.	----	1100 lbs.
Gross Weight	--- 750 Kg.	----	1650 lbs.

clean, stainless execution, water jacket for cleaning self lubrication bearings - enclosed drive gear.

Quantity of fish that can be saved.

By installing such a machine a quantity of nearly 96,000 mackerals can be gutted assuming that the machine works for 16 hours at the rate of 6000 mackerels per hour. In terms of weight it will save nearly 850 tons food fish which happens to be the quantity which is at present being converted into manure.

Proforma account.

Cost of the machine	Rs.15,000
Freight from U.K. to India	1,500
Customs duty	500
Freight from port of landing to site	250
Installation charges	750
	Rs.18,000

Recurring for 6 months (staff)	Pay	D.A.	O.C.A.	Total.
One sub Inspector on 60-3-90-5-100 p.m.	360/-	132/-	30/-	522/-
One mechanic on 40- 2- 80 p.m.	240/-	126/-	30/-	396/-
One Asst. Mechanic on 35-2-55 p.m.	210/-	114/-	18/-	342/-

Dev F 23

COM 113/25/10

R/ receipt with a copy of the note below
24.x.50.

Memo 20874-F/50- dated 24.10.50

Sub: Fisheries - Utilisation of surplus food fish - Installation of a gutting machine at Malpe - Part II Scheme note - Printing of

Kept below

A copy of draft Part II scheme note on the subject mentioned above is forwarded to the S.G.P. He is requested to point and supply 45 copies of the note urgently

17/10/50 Ce 17.10.50

24/10/50

To the S.G.P
with enels
Copy of note below
(RD. 11.11.50)

	Wages	D.A.	Total.
4 skilled labourers at Rs.1-4-0 per day. (average 26 working days in a month and D.A. at Rs.19/-	780/-	456/-	1236/-
4 unskilled labourers at Re.1/- per day (average 26 working days in a month) and D.A. at Rs.19/-	624/-	456/-	1080/-
Electricity, water, oil & other contingencies.			500/-
		Total	Rs. ~~4076/-~~ or 4100/-

Receipts;

A nominal charge of annas 8/- for every 1000 mackerels gutted for 96000	Rs. 48/-
Number of working days 100	4800/-
Depreciation on machinary at Rs.5000/- for 3 years.	834/- for 6 months.

The expenditure to be incurred and the amount that will be realised as revenue are noted below.

Total recuring expenditure on staff etc.		Rs. ~~3700~~
Receipts	::	4800
Deduct depreciation.	::	834
Net receipts	::	3966 or 400

Conclusion. Thus it will be seen that installation of the machine will not only save as much as 850 tons of valuable food material, but actually it will fetch a profit to the Department. Another factor to be noted is, engaging manual labour will cost the merchant atleast Re.1/- per 1000 whereas by levying a nominal charge of annas eight per 1000 the merchants of the locality will take advantage of the machine and the present tendency to convert it into manure will gradually disappear and more and more will be converted into useful food fish. For the present, the machine may be erected at Malpe where electicity and water are available. After studying the working of the machine, more can be purchased.

In the circumstances stated above and in view of this profitable scheme, I request that sanction of Government may kindly be accorded for working the scheme for a period of six months in 1951-52 in the first instance.

The expenditure may be debited to "43-~~C~~-Industries - Fisheries.~~B~~-Post war Reconstruction-(1) Fisheries Demonstration Factories "~~B~~

For Director of Fisheries.

cs/10-8.

Transformer Curves

	Weighted Means av. Scales	Immed. Rm
[illegible]	501.0	360
[illegible]	360	240
[illegible]	283.21	210
	1244.2 gr	810 gr
	1100	800

O C4	42	30
	30	30
	30	10
	102	70 gr
	100	100
[illegible]	144	132
	182	126
	132	114
	108	372 gr
	400	400
[illegible]	780	780
	624	624
	500	500
	1904 gr	1904
	1900	1900
[illegible]	900	900
	1000	

Development Department (F)

PART II SCHEME FOR 1951-52

Sub: Fisheries - Utilisation of surplus food fish - Installation of a gutting machine at Malpe.

...

SUMMARY

Head of account	Items of expenditure	Ultimate cost Recurring	Ultimate cost Non-recurring	Cost in 1951-52 for six months only Recurring	Cost in 1951-52 for six months only Non-recurring
(1)	(2)	(3) Rs.	(4) Rs.	(5) Rs.	(6) Rs.
43. Industries and Supplies - c. Fisheries - 2. Postwar Reconstruction - (x) Fisheries Demonstration factories.					
Pay of Establishments	1 Sub-Inspector of Fisheries on Rs. 60-3-90-5-100 p.m. (Average 83.5) ~~One~~ Mechanic on Rs. 40-2-80 p.m. (Average 60) 1 Asst. Mechanic on 35-2-55 p.m. (Average 47.2)	1,100	--	800	--
T.A. and other compensatory allowances.		100	--	100	--
Dearness allowance		400	--	400	--
Apparatus and Materials	Cost of gutting machine	----	15,000	--	15,000
	Freight from U.K. to India	----	1,500	-	1,500
	Customs duty		500		500
	Freight from port of landing to site.		200		200
	Installation charges		800		800
Contingencies	4 skilled labourers at Rs. 1-4-0 per day (average 26 working days in a month) 4 Unskilled labourers at Re. 1/- per day (average 26 working days in a month) - Electricity, water, oil and other contingencies.	1,900	--	1,900	--
Dearness allowance to menials.	4 skilled labourers and 4 unskilled labourers at Rs. 19/- p.m. each.	900	---	900	--
Deduct receipts XXXII.C. Industries and Supplies - Fisheries - Fisheries Demonstration Factories.		- 4,800	--	- 4,800	
		- 400	18,000	- 700	18,000

26

EXPLANATORY NOTE

The D.F. has reported that lakhs of mackeral fishes are caught in South Kanara Coast by Rampini net and that they are being converted into manure for want of labour force for processing them into salted or cured fish. He has therefore submitted proposals for the installation of a gutting machine at Malpe in order to convert the surplus fish such as mackeral into cured fish.

2. The gutting machine is reported to be extensively in use in the U.K. and in some of the European countries. The D.F. proposes to charge a nominal fee of annas eight for every 1,000 mackerals gutted. A gross revenue of Rs. 800/- for six months, is expected to be realised from the scheme. After allowing for charges relating to depreciation on the gutting machine estimated at about Rs. 800/- for 6 months and the revenue anticipated, the ultimate net cost of the scheme will be about Rs. 400/- and the net cost in 1951-52 will be about Rs. 100/-. As the installation of the machine will save nearly 850 tons of valuable fish food every year for human consumption instead of being converted into manure as at present, this Department supports the proposal of the D.F. and recommends that necessary provision may be made in the Budget Estimates for 1951-52.

12.10.50.

12/10/50

DEVELOPMENT DEPARTMENT.

PART II SCHEME FOR 1951–52.

[SUBJECT.—*Fisheries—Utilization of surplus food fish—Installation of a gutting machine at Malpe.*]

Summary.

Head of account.	Item of expenditure.	Ultimate cost.		Cost in 1951–52 for six months only.	
		Recurring.	Non-recurring.	Recurring.	Non-recurring.
(1)	(2)	(3)	(4)	(5)	(6)
		RS.	RS.	RS.	RS.
43. Industries and Supplies—e. Fisheries—Q. Post-war Reconstruction—(x) Fisheries Demonstration Factories.	Pay of Establishments—				
	One Sub-Inspector of fisheries on Rs. 60—3—90—5—100 per mensem (average 83·5).				
	One Mechanic on Rs. 40—2—80 per mensem (average 60).	1,100	..	800	..
	One Assistant Mechanic on Rs. 35—2—55 per mensem (average 47·2).				
	Travelling allowance and other compensatory allowances.	100	..	100	..
	Dearness allowance	400	..	400	..
	Apparatus and Materials—				
	Cost of gutting machine ..	..	15,000	..	15,000
	Freight from United Kingdom to India.	..	1,500	..	1,500
	Customs duty	..	500	..	500
	Freight from port of landing to site.	..	200	..	200
	Installation charges ..	..	800	..	800
	Contingencies—				
	Four skilled labourers at Re. 1—4—0 per day (average 26 working days in a month).				
	Four unskilled labourers at Re. 1 per day (average 26 working days in a month).	1,900	..	1,900	..
	Electricity, water, oil and other contingencies.				
	Dearness allowance to menials—				
	Four skilled labourers and four unskilled labourers at Rs. 19 per mensem each.	900	..	900	..
Deduct receipts— XXXII. c. Industries and Supplies—Fisheries—Fisheries Demonstration Factories.		—4,800	..	—4,800	..
	Total ..	— 400	18,000	— 700	18,000

EXPLANATORY NOTE.

The Director of Fisheries has reported that lakhs of mackerel fishes are caught in South Kanara coast by Rampini net and that they are being converted into manure for want of labour force for processing them into salted or cured fish. He has therefore submitted proposals for the installation of a gutting machine at Malpe in order to convert the surplus fish such as mackerel into cured fish.

2. The gutting machine is reported to be extensively in use in the United Kingdom and in some of the European countries. The Director of Fisheries proposes to charge a nominal fee of annas eight for every 1,000 mackerels gutted. A gross revenue of Rs. 4,800 for six months, is expected to be realized from the scheme. After allowing for charges relating to depreciation on the gutting machine estimated at about Rs. 800 for six months, and the revenue anticipated, the ultimate net cost of the scheme will be about Rs. 400 and the net cost in 1951–52 will be about Rs. 100. As the installation of the machine will save nearly 850 tons of valuable fish food every year for human consumption instead of being converted into manure as at present, this Department supports the proposal of the Director of Fisheries and recommends that necessary provision may be made in the Budget Estimates for 1951–52.

V. KASTURIRANGASWAMI—24–10–50.

Pl. issue Urgent Rs. 19/4/50.

69/20/4

Dev F.

Fisheries - Utilisation of Surplus food fish (South Kanara) Installation of a gutting machine at Malpe &

20874 F/SO. Proposals of D.F = Accepted

1 + 1 ~ CF

b11 CF

Read : From the D.F. 3128 B3/SO dated 8-3-50

From the Bd. of Rev. 6556/SO-2 (FPIII) dated 5-4-1950.

p19-21 CF

From the D.F 3128 B3/SO dated 8-8-1950.

Order Ms 1811 dated 20-4-50

'M' on p19 CF

The D.F has reported that lakhs of mackerel fishes are caught in South Kanara by Rampini net and that they are being converted into manure for want of labour force for processing them into Salted or Cured fish. He has therefore submitted proposals for the installation of a gutting machine at Malpe, in order to Convert the Surplus fish such as mackerel into cured fish. H. E the Governor of Madras accepts the proposals of the D.F and Sanctions an expenditure not Exceeding Rs 18,000/- (Rupees eighteen ~~Hun~~ Thousand only) as detailed below for the Purchase and installation of a gutting machine at Malpe

'M' on p20 CF

vide 'R' on p27 CF

Cost of Gutting machine		Rs. 15,000
Freight from United Kingdom to India		Rs. 1,500
Customs duty		Rs 500
Freight from port of landing to Site		Rs 200
Installation Charges		Rs. ~~800~~ 800
Total		Rs. 18,000

2. Sanction is accorded to the employment for a period of Six months

T ~ p21 CF

from the date of employment of the following staff :

One Sub. Inspector of Fisheries on Rs 60 - 100
One Mechanic on Rs 40 - 2 - 80
One Assistant Mechanic on Rs 35 - 2 - 55

3) Sanction is also accorded to the following items of Expenditure to the extent noted against each :

Travelling allowance and other compensatory allowances	Rs. 100/-	'A' on p 21 CF

Contingencies

Wages for four Skilled labourers and four unskilled labourers including d.a.	Rs 2316	'S' on p 21 CF
Electricity, water, coir and other Contingencies	Rs 500/-	A on p 21 CF ?
Total for Contingencies	2816	

4) The expenditure should be debited to "43. Industries and Supplies - e. Fisheries - (x) Postwar Reconstruction - (x) Fisheries Demonstration Factories"

by Steno C.E 5-4-51

19/4

To The D.F
The A.G thro' Fin (EB) ~~Dept.~~
Copy to ~~The Bd of Rev~~ Food and Agri (FP) Dept.

SF 1 Sq. 2.

as/4

C.No. 20874-F/50

Development Department (F)

Sub: Fisheries - Utilisation of surplus food fish - Plant to set up in Malpe in the South Kanara District - Proposal.

Ref: From the D.F.No.3128 B.3/50 dated 8.3.1950.
From the Board of Revenue (Food Production) No.6556/50-1 F.P.III dated 25.3.1950.
From the D.F.No.3128 B.3/50 dated 30.3.1950.
" Board of Revenue (Food Production) No.6556/50-2, F.P.III dated 5.4.1950.

...

The D.F. has submitted a scheme for utilisation of surplus food fish such as Mackeral, which are being converted into manure in South Kanara District.

2. He has stated that lakhs of Mackeral fishes are caught in South Kanara Coast by Rampini net and they are being converted into manure instead of being converted into a useful cured fish. He has stated that labour force are not available for processing them into salted or cured fish and that the huge mackeral fish landed are heaped on the sand and converted into manure.

3. The D.F. has therefore submitted proposals for the utilisation of the surplus fish by the installation of a gutting machine which is extensively in use in the U.K. and some of the European Countries. The working of this machine has been seen by the Fish Preservation Officer, Calicut in foreign countries while he was on deputation. The proposal involves the following expenditure including staff:-

~~Proforma account.~~

Cost of the machine	Rs. 15,000
Freight from U.K. to India.	1,500
Customs duty	500
Freight from port of landing to site.	250
Installation charges.	750
	18,000

Recurring for 6 months (staff)

	Pay	D.A.	O.C.A.	Total
One Sub.Inspector on Rs.60-3-90-5-100 p.m.	360	132	30	522
One mechanic on 40-2-80 p.m.	240	126	30	396
One Asst.Mechanic on 35-2-55 p.m.	210	114	18	342

	Wages	D.A.	Total
4 skilled labourers at Rs.1-4-0 per day. (average 26 working days in a month and D.A. at 19/-)	780	456	1236
4 Unskilled labourers at Re.1/- per day (average 26 working days in a month) and D.A. at Rs.19/-	624.	-456	1080
Electricity.	...		150
Water			10
Oil	...		15
			3751 or 3700

4. The D.F. proposes to charge a nominal fees of annas 8/- for every 1000 mackerals gutted. It is estimated that the receipts will amount Rs.4,800/- for a period of six months. The receipts are therefore anticipated to be more than the working expenditure. The D.F. has stated that the installation of the machine will not only save as much as 850 tons of valuable food material every year but that the scheme will actually fetch a profit to the department.

5. It is proposed to instal the machine at first at Malpe where electricity and water are available. It is stated that the scheme is only a pilot scheme to demonstrate to the fishermen the usefulness of the machine in one important fishing village namely Malpe and that after working the scheme and watching the results more machines may be purchased.

It is for orders whether the proposal of the D.F. to instal a gutting machine at Malpe will be approved and the staff and the expenditure detailed at 'M' on pp1-2 above sanctioned.

6. The D.F. at first suggested that the scheme ~~may~~ might be treated as an intentive cultivation scheme and an half grant claimed for the Govt. of India. The Board of Revenue (Food Production) has however pointed out to the D.F. that as the scheme is of remunerative character it is not entitled to grants from the Govt. of India but only to loans. As the total cost of the scheme is small the Board

has also suggested that it may not be necessary to address the Govt. of India for any loan. The D.F. has subsequently agreed with the Board and has stated that the entire expenditure may be met from the Provincial funds. This Department may agree with the D.F. For orders.

7. This scheme though not eligible for Central grant, may be placed before the Cabinet Sub-Committee for food production in view of the food value of the scheme. For orders. Finance may advise.

The remarks of Finance may be invited.

Memo No 20874-P150-1
27-4-50

Finance (Exp.B) Department.

1. Large quantities of fish known as Macneral, landed on the West Coast are converted into manure due to the non-availability of labour in time to process them and make them edible. The following statment gives the quantity of the fish landed and processed in various ways over a period of 4 years:--

	1946-47	1947-48	1948-49	1949-50	
Macneral landings	29444	15905	16120	17200	tons
Macneral cured	14040	5097	5200	5078	"
Manure produced	904	1100	1200	1700	"
Consumed fresh	14500	9708	9720	10422	"

2. In order to prevent the waste of edible food as manure the Director of Fisheries proposes as a Pilot scheme, to instal a gutting machine at Malpe which will process the stuff, and demonstrate its value to the fishermen. The machine will be able to process 850 tons of edible food by working 100 days for 16 hours. The recurring and non-recurring cost of the proposal is as shown below:--

Non-recurring:

Cost of the machine together with freight and installation charge. ... 18000

Recurring (cost of staff) for 6 months:

1 Sub Inspector (60-3-90-5-100)	656
1 Mechanic (40-2-80)	492
1 Assistant Mechanic-(35-2-55)	415
4 Skilled labourers at Rs.1/4/0 per day 26 days plus 19 D.A. ...	1236
4 Unskilled labourers at Re.1/- per day 26 days plus 18 D.A. ...	1080
Other incidental charges.	175
	4054

By levying a nominal fee of As.8 per 1000 fish gutted a receipt of Rs.4800/- for 100 working days is anticipated. The anticipated receipt would be sufficient to meet the working expenses and leaves little to meet the depreciation charges of the machine. Though the proposal is to save food, it will not be entitled any grant from the Centre. The quantity that is reduced to manure is a very small percentage of the total landings as shown below:--

quantity converted into manure.		Years.
3%	in	1946-47
7%	in	1947-48
7%	in	1948-49
10%	in	1949-50

It does not appear that heavy recurring and non-recurring expenditure to be incurred are commensurate with the quantity that is being at present converted into manure. of food. Secondly, the Director has stated that the ~~main~~ market for the cured stuff is not in great demand in this country. If so, the benefit of this huge expenditure will go to the consumers in Colombo and will not in any way solve the food problem of this country.

The figures of Mackerals reported, as available by the Director, are for the entire South Canara Coast. But the machine is going to be installed only in one centre. ~~The director has stated that~~ The fishermen ~~and~~ convert the fish into manure as ~~the stuff cannot~~ is considered too high stand the ~~normal~~ processing charge of Re.1 per 1000. It is quite clear that it cannot also stand transportation charges. In that case, the machine will get only the catches near Malpe, which may may not be sufficient to engage a machine of the type under consideration.

5

Moreover, fish catches are not very regular and most probably the machine and men will have to remain idle for long periods continuously, owing to the non-appearance of the fish. In the circumstances stated above, the advantages expected from the proposal do not seem to justify the ~~heavy~~ expenditure involved.

If the proposal is to be sanctioned it will have to be treated as a New Service and prior approval of the Legislature will be necessary with reference to the financial procedure under Article 205 of the New Constitution.

Thro' E-II.

5.5.50. Finance have been advising that any scheme of new expenditure not provided for in the Budget Estimate for 1950-5 should be brought forward only as a Part II scheme for 1951-52, subject of course to its essentiality, so that the Govt. may decide with reference to the resources available which of the new schemes could be provided for in the Budget. There is no justification to depart from the above procedure in this case considering that the present financial position of the Govt. is such as to necessitate postponement of some of even the essential schemes.

Expr.
Non-recurring: Rs. 18,000
Rec (Staffs) 4,056 p.a.
Receipts.
4,800 p.a.

2. Finance need not object to the proposal for the purchase of a gutting machine & employment of necessary staff being brought forward as a Part II Scheme for 1951-52.

A 6/5/50 D/S.

For 8/5/50 Dev.

SUPTG. ASSISTANT SECRETARY
Fy. No. 30534/EB/50
10 MAY 8/5/50

41358
10/5/50

DS. Please see Fin's notes on PP 3-5 above the suggestion at 'M' above may perhaps be put to the DF. Subject to orders a draft memo to the DF is submitted for approval.

Dev 17.5.50

18/5

Dev Circ 20874 F/50.

9/10/6

Issued as Memo 20874 F/50-2 dated 18-5-50 pp13-14 C.F

From the D.F 3128 B3/50 dated 29-5-50 p15 C.F

To A.S

Please see the letter from the D.F at p15 C.F in reply to the memo on pp13-14 C.F. In the circumstances explained therein the D.F has requested that the Scheme for installing a gulting machine in Malpe may be introduced in the current year itself. For orders :-

1) whether this Dept. will agree with the D.F to introduce the Scheme in the current year:

or.

2) whether the view of Finance will be accepted and the Scheme will be brought forward as a part II Scheme for 1951-52.

If item (1) above is approved, the case may be sent to Fin. again for remarks

Considering the present financial position the scheme proposed by the DF may be ordered to be brought forward as a part II scheme for 1951-52

Ag 10-6-50

DS

8-6-50

13/6 Secretary

Ag 16-6-50

Orders in circulation above

~~A draft order is furnished for approval.~~

The D.F may be informed that his proposals for installing a gulting machine at Malpe will be taken up for consideration only as a part II Scheme for 1951-52. He may be asked to ~~review his proposal with full particulars regarding~~ furnish the head of account to which the

expenditure on account of the Scheme will be debited to. Subject to orders, if a draft memo is submitted for approval

19. 16/6/50 Ce 18.6.50 [illegible] 1950

pp 17-18 ante. Issued as Memo. 20874 F/50-3 dated 19.6.50

pp 19-21 CF - From the D.F. 3128 B 3150, dated 8.8.50

To A.S

Notes from P1 above may be perused. The D.F has renewed his proposals for the installation of a gutting machine at Malpe for being considered as a part II Scheme for 1951-52. The revised proposals submitted by the D.F are the same as that originally submitted by him except that an addl. expenditure of Rs 325/- has now been provided for towards other Contingencies. Finance ~~may see again~~ ~~for remarks, if any, before~~ Dept. have already agreed in the Scheme being brought forward for consideration as a part II Scheme for 1951-52. They may see again for remarks if any, before taking orders in O.F. for bringing forward the scheme as part II Scheme for 1951-52.

Ce 23/8/50 [illegible] 25.8.50 [illegible]

Fin (Exp B)

Dev U.O 20874 F/50-5. - (Previous finance notes at pp 3-5 above) 26.8.50 The further notes of Dept at pp 6-7 above may be perused.

[illegible] 28/8/50 [illegible] 31.8.50 [illegible] 2/9/50

90345 F/50

Dev. 6/9/50

P.S.

SCIENCE ASSOCIATE SECRETARY, FINANCE DEPARTMENT
28 AUG 1950
BOMBAY

Fin no 75233 Exp B-1
2.9.50

Summarising Note

The file deals with the proposals of D.F. for the installation of gutting machine at Malpe in order to convert the surplus fish food such as Mackeral into cured fish.

2. The D.F. has stated that lakhs of Mackeral fishes are caught in South Kanara Coast by Rampini net and they are being converted into manure instead of being converted into useful cured fish. He has stated that labour force are not available for processing them into salted or cured fish and that the huge mackeral fish landed are heaped on the sand and converted into manure.

3. The gutting machine is reported to be extensively in use in the U.K. and some of the European Countries. The working of the machine has been seen by the Fish Preservation Officer, Calicut in foreign countries while he was on deputation. The proposal involves the following items of expenditure:-

Cost of the machine	Rs 15,000
Freight from U.K. to India	Rs 1,500
Customs duty	500
Freight from port of landing to site	250
Installation charges.	750
	18,000

Recurring for 6 months (staff)

	Pay	D.A.	O.C.A	Total
One Sub-Inspector on 60-3-90-5-100 p.m.	360/-	132/-	30/-	522/-
One mechanic on 40-2-80 pm.	240/-	126/-	30/-	396/-
One Asst.Mechanic on 35-2-55 p.m.	210/-	114/-	18/-	342/-

	Wages	D.A.	Total
4 skilled labourers at Rs 1-4-0 per day. (average 26 working days in a month and D.A. at Rs 19/-	780/-	456/-	1236/-
4 unskilled labourers at Re.1/- per day (average 26 working days in a month) and D.A. at Rs 19/-	624/-	456/-	1080/-
Electricity, water, oil and other contingencies			500
			4076

Rs 4,100 say

2/13/9 FB Dev Cno 20874 F/50

4. The D.F. proposes to charge a nominal fee of annas 8 for every 1,000 mackerals gutted. A revenue of Rs 4,000 for six months (deducting depreciation on machinery) is expected to be realised from the scheme. The installation of the machine will also save as much as 850 tons of valuable food material every year which is the quantity converted into manure at present. The machine will be installed at Malpe where electricity and water are available. The D.F. has stated that the scheme is only a pilot scheme to demonstrate to the fishermen the usefulness of the machine and that after working the scheme and watching the results more machines may be purchased.

5. This Department supported the proposals of the D.F. Finance Department suggested that the scheme might be brought forward for consideration as a Part II scheme for 1951-52. This Department have accepted the suggestion of Finance. The case may be circulated for orders whether the proposals of D.F. for the installation of a gutting machine (involving) ~~with~~ the items of expenditure detailed in para (3) above, will be brought forward as a Part II Scheme for 1951-52.

9.9.50 Ce 9.9.50

11/9/50

M 12/9-50 DS 13/9 (Fin)

RG 9 (Fin)

9.9

SECRETARY TO GOVERNMENT 10 SEP 1950 DEVELOPMENT DEPARTMENT

Dev F.

Orders in Circulation above.

A draft Part II Scheme note is submitted for approval. Finance may see for acceptance.

SENIOR ASSISTANT SECRETARY, FINANCE DEPARTMENT 27 SEP 1950 GOVERNMENT OF MADRAS

3/10/50

25/9/50 Ce 25.9.50

26/9/50

Fin

Dev C.O 20874 F/50-6

26.9.50

·10·

Finance (B.E.III)

(Previous Finance note on page 7 above)

The summarising note and the orders in circulation on pp 8-9 above may be perused. The draft Part II Scheme note below may be accepted, subject to amendments in pencil and also subject to the following remarks.

(i) As the scheme is to work only for 6 months in a year, the ultimate cost has been worked out on the average scales for 6 months, as indicated in the draft note.

(ii) The amount of revenue realisable from the scheme has been included in the summary and the cost of the depreciation on machinery has been mentioned in para 2 of the Explt. Note. ~~indicated in the note as a deduction in the net cost~~.

This is what Secy. also have done. Their figures have been rounded to the nearest hundred for each unit of accommodation

fro 9/x/50

Thr' E.II
B.E.II

7.10.50

Let Secy. kindly revise the note as indicated and let this Dept. see the revised note before issue

fro 9/x/50

Fin. U.O. 82591/BE(III).1 9.X.50

To A.S

Dept. F.

Please see Fin. note above. A revised draft part II scheme note, as suggested by Finance is submitted for approval. Finance may see again before issue

102616 F/50 10.10.50

12.10.50

Dev U.O 20874 F/50 -7 13.10.50

(Pre. Finance note above)

Fin (BE III)

Note below may be accepted.

87024 17 OCT 1950

fro revised part II scheme

17.10.50

fro 16/x/50

Dept

105235 F/50 BE II 17.10.50

Fin. U.O 87024 BE III -1 17.X.50.

To A.S

Dev F.

Finance have accepted the draft Part II Scheme note below. The S.G.P may be requested to print and supply 45 copies of the note. A draft memo is submitted for approval.

17.10.50 Ce 17.10.50

Issued as Memo 20874 F/50. E dated 24.10.50.

To A.S

Thirty copies of the Part II Scheme note are placed below. The file may be sent to Finance.

14.11.50 Ce 14.11.50

Dev u.o 20874 F/50.9

15-11-50

Fin(B.G)

The draw of the Part II Scheme note have been removed and kept separately. The file may be returned to Development

Delhi

16/11/50

16/11

16/11.50

Dev 116091 ff/50

To A.S 16/11/50

Dev F.

This may lie over till intimation is received from Fin Dept. as regards the provision made in the B.E for 51-52 for the Scheme in question

20-11-50

To A S

Dev F.

Notes from P 8 above may be perused. The Budget under demand XXII has been voted by the Legislature and Provision has been made in the B.E for 1951-52 in respect of the Scheme. A draft order is submitted for

10 NOV 1950
94532
FINANCE DEPARTMENT
16 NOV 1950

12

approval. Finance may see before issue

Ch. Sec. 5/4/51

Dev 4-0 20874 F/SD-10
5-4-51

Finance (ExcB) Dept

(Previous Finance note on page 10 above)

SENIOR ASSISTANT SECRETARY, FINANCE DEPARTMENT
6-APR 1951
26909/ExcB
GOVERNMENT OF MADRAS

In the Draft note for Part II Scheme 1951-52, a provision of Rs 2,800 has been made under Contingencies while in the draft order proposed to be issued, a sum of Rs 2916 has been shown which is not correct. ~~Development may be requested to adopt the figure of Rs 2,800 which was approved by the Cabinet.~~ Subject to the above remarks, the draft order below may be accepted. ~~in Finance~~

The amount be read as Rs. 2,816 in pencil on p 13/4/51 ✓

12.4.51

Draft order accepted subject to the slight amendment ~~noted~~ in pencil mentioned in margin.

13/4/51 Dev.

Items vide item 239 on page 149 ante, Ex. List Item 17 ✓

To AS. Dev F. Through EP 15.4.51

Please see Finance notes above. The amount of Rs 2,816/- is the total under Contingencies, while this Dept. included the amount of Rs 100/- under T.A also for the total, thus arriving at the figure of Rs 2916 It may be stated in the draft order that the amount of Rs 2,816 represents the total under Contingencies only. Subject to orders, necessary addition in pencil has been made in the draft order. For orders whether the draft order as amended may issue

Dev 42577 F/57. Fin. 12.4.51

26909/ExcB/57
13.4.57.

FIRST ASST. SECRETARY TO GOVERNMENT
17 APR 1951
DEVELOPMENT DEPARTMENT

17/4/51 Ch. Sec. 17.4.51

Issued as G.O Ms 1811 Dev dated 20/4/51 19/4

Development Department (F)

PART II SCHEME FOR 1951-52

Sub: Fisheries - Utilisation of surplus food fish - Installation of a gutting machine at Malpe - Proposals.

...

Head of account	Items of expenditure	SUMMARY Ultimate cost Recurring	Ultimate cost Non-recurring	Cost in 1951-52 for six months only Recurring	Cost in 1951-52 for six months only Non-recurring
(1)	(2)	(3) Rs.	(4) Rs.	(5) Rs.	(6) Rs.
43. Industries and Supplies - C. Fisheries - (x) Fisheries Demonstration factories -					
Pay of Establishments	1 Sub-Inspector of Fisheries on Rs. 60-3-90-5-100/- p.m. (Average 83.5)	1100 / 501	--	800 / 360	
	One Mechanic on Rs. 40-2-80 p.m. (Average 60)	360	--	240	
	One Asst. Mechanic on 35-2-55 p.m. (Average 47.2)	283	--	210	
T.A. and other Compensatory allowances.	D.C.A. at Rs. 5/- p.m. to Sub-Inspector and Mechanic and at Rs. 3 p.m. to Asst. Mechanic.	100 / 78	--	100 / 78	
Dearness allowance	D.A. to Sub. Inspector at Rs. 22 p.m., Mechanic at Rs. 21 p.m. and Asst. Mechanic at Rs. 19/- p.m.	400 / 372	--	450 / 372	
Apparatus and Materials.	Cost of gutting machine	--	15,000	--	15,000
	Freight from U.K. to India		1,500		1,500
	Customs duty		500		500
	Freight from port of landing to site.		250		250
	Installation charges		750 / 800		750
Contingencies.	4 skilled labourers at Rs. 1-4-0 per day (average 26 working days in a month)	1900 / 780	--	1900 / 780	--
	4 Unskilled labourers at Re. 1-0-0 per day (average 26 working days in a month)	624	--	624	--
	Electricity, water, oil and other contingencies	500	--	500	--

1404 9/12 2316

1604

3500 18000

(1)	(2)	(3) Rs	(4) Rs	(5) Rs	(6) Rs
Dearness allowance to menials.	4 skilled labourers and 4 unskilled labourers at Rs 19/- p.m. each.	912	--	912	--
		14,400	18,000	4,100	18,000

EXPLANATORY NOTE

The D.F. has reported that lakhs of mackeral fishes are caught in South Kanara Coast by Rampini net and that they are being converted into manure for want of labour force for processing them into salted or cured fish. He has therefore submitted proposals for the installation of a gutting machine at Malpe in order to convert the surplus fish such as mackeral into cured fish.

2. The gutting machine is reported to be extensively in use in the U.K. and some of the European countries. The D.F. proposes to charge a nominal fee of annas eight for every 1,000 mackerals gutted. A revenue of Rs 4,000/- for six months, deducting depreciation on machinery is expected to be realised from the scheme. The installation of the machine will also save nearly 850 tons of valuable fish food every year for human consumption instead of being converted into manure as at present.

The estimated cost of the proposal during 1951-52 is Rs 4,100 recurring and Rs 18,000 non recurring. The ultimate cost is Rs 4,400 recurring and Rs 18,000 non recurring as shown in the summary above.

This Department supports the proposal of the D.F. and recommends that necessary provision may be made in the Budget Estimates for 1951-52.